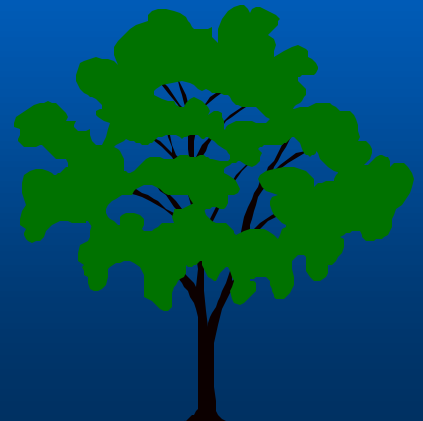


# NPS EFFORTS AT THE BISHOP PAIUTE TRIBE

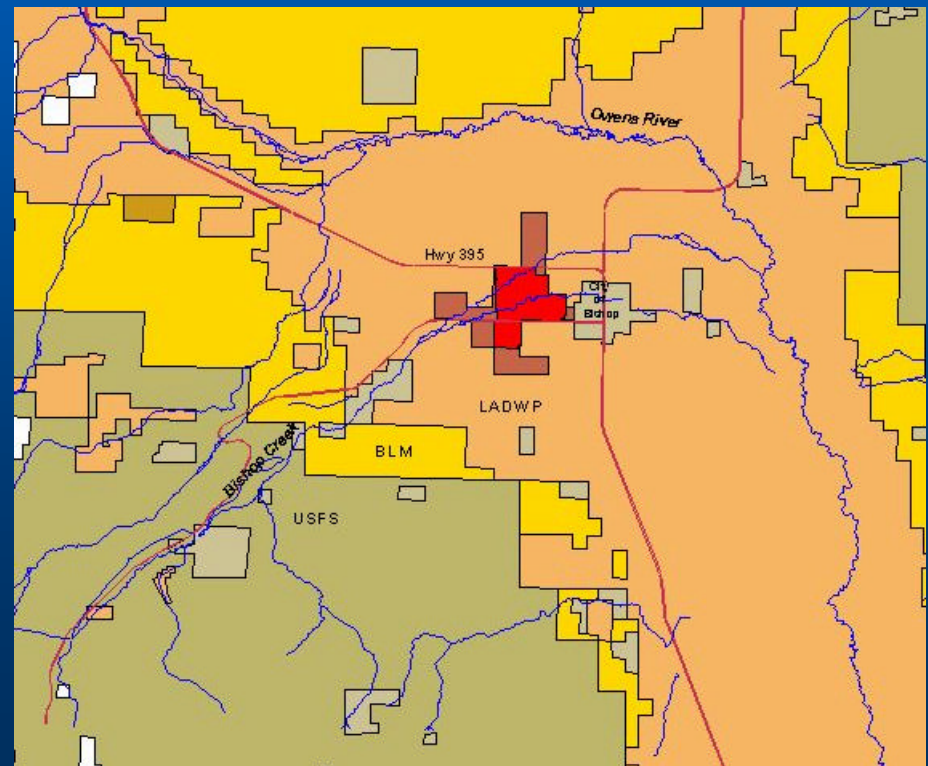
ENVIRONMENTAL  
MANAGEMENT OFFICE

November 2003

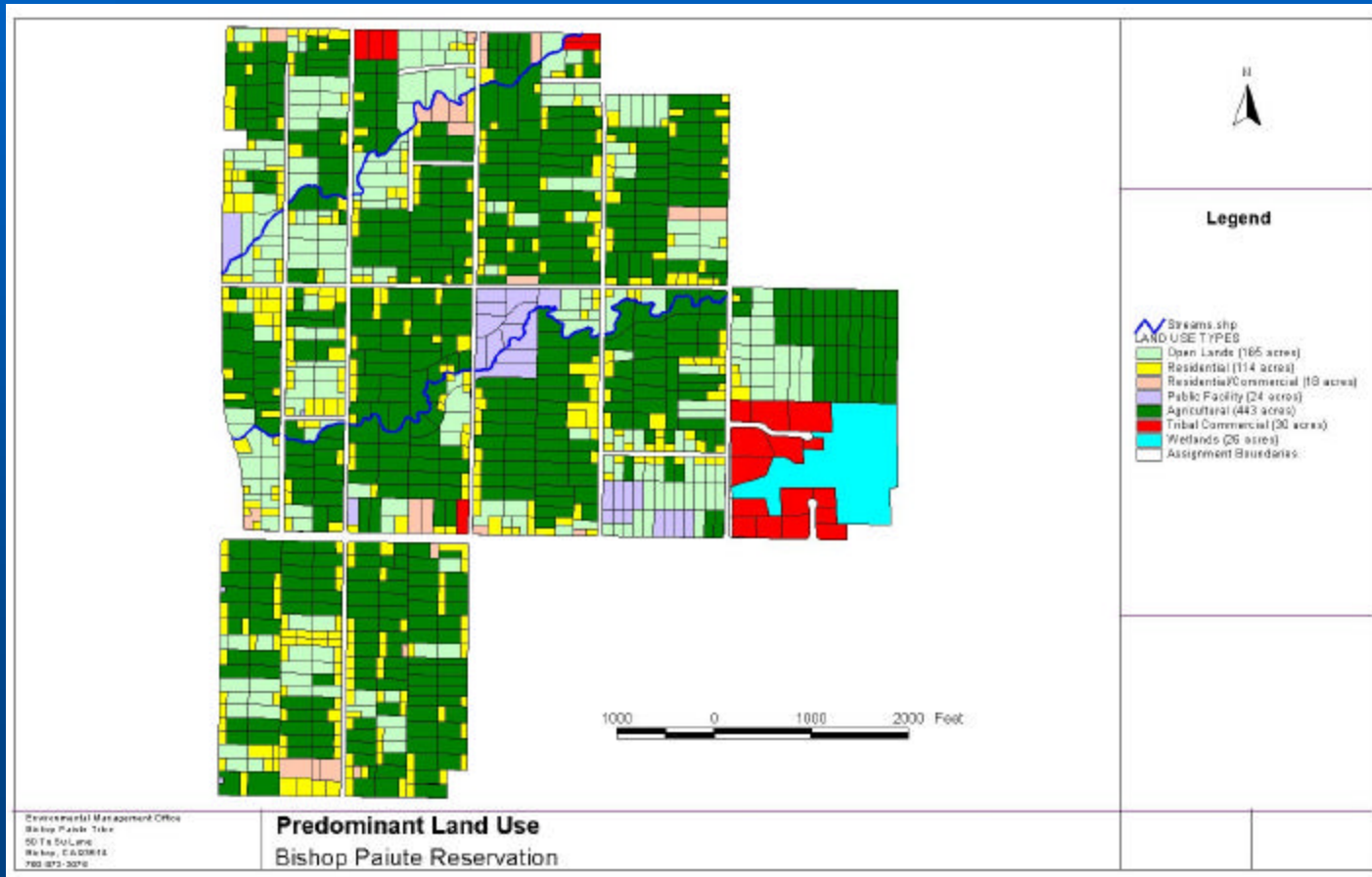


# Bishop Paiute Reservation

- 875 acre Reservation
- Excellent water quality
- NPS Program – CWA 106 and 319 funding

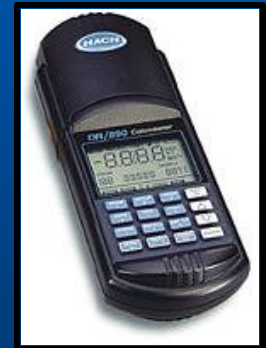
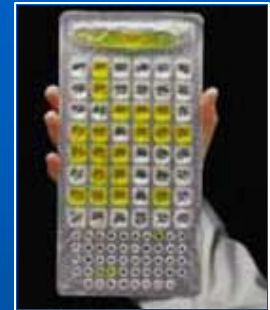


# Bishop Paiute Reservation - Land Use



# Criteria Monitored

- Pathogens – E.Coli Bacteria weekly
- Nutrients (P04, NO3-N) weekly
- Aquatic Macroinvertebrates annually

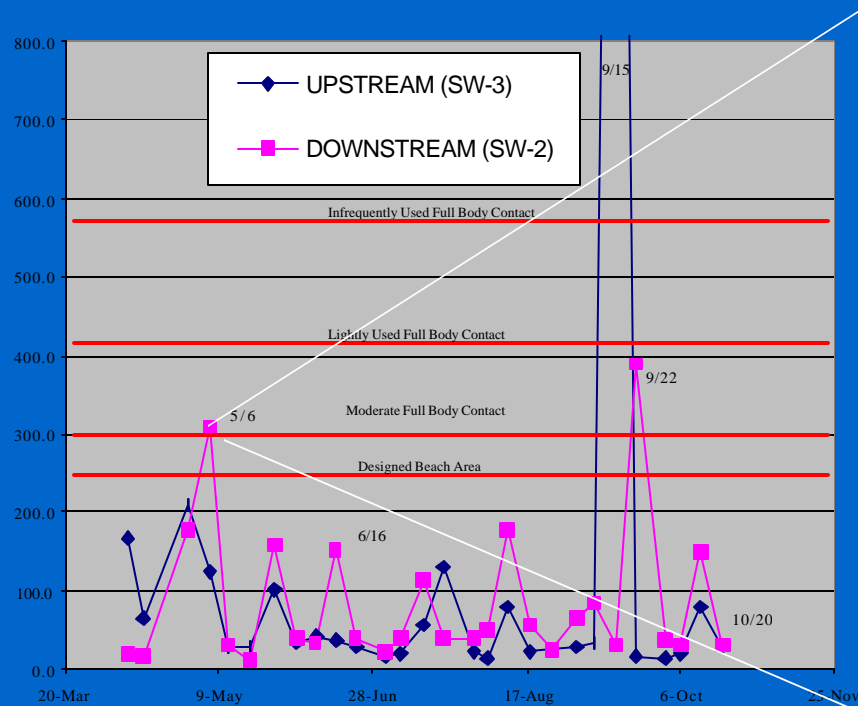


# Project Goals

- 1. Identify Source Areas via monitoring (NPS Assessment Plan)
- 2. Reduce NPS pollution  
BMPS and Swimming Advisories  
(NPS Management Plan)
- 3. Evaluate and Protect via monitoring

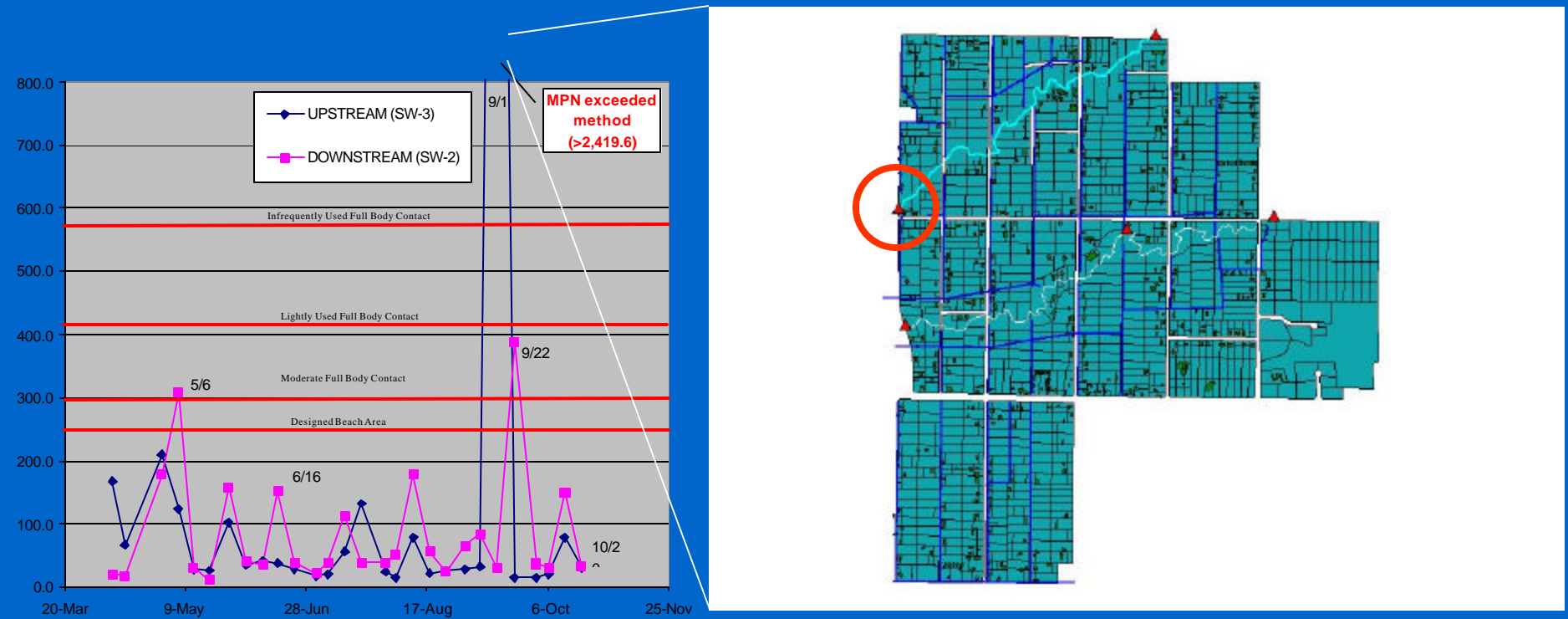


# Pathogens (E.Coli) - May 6, 2003



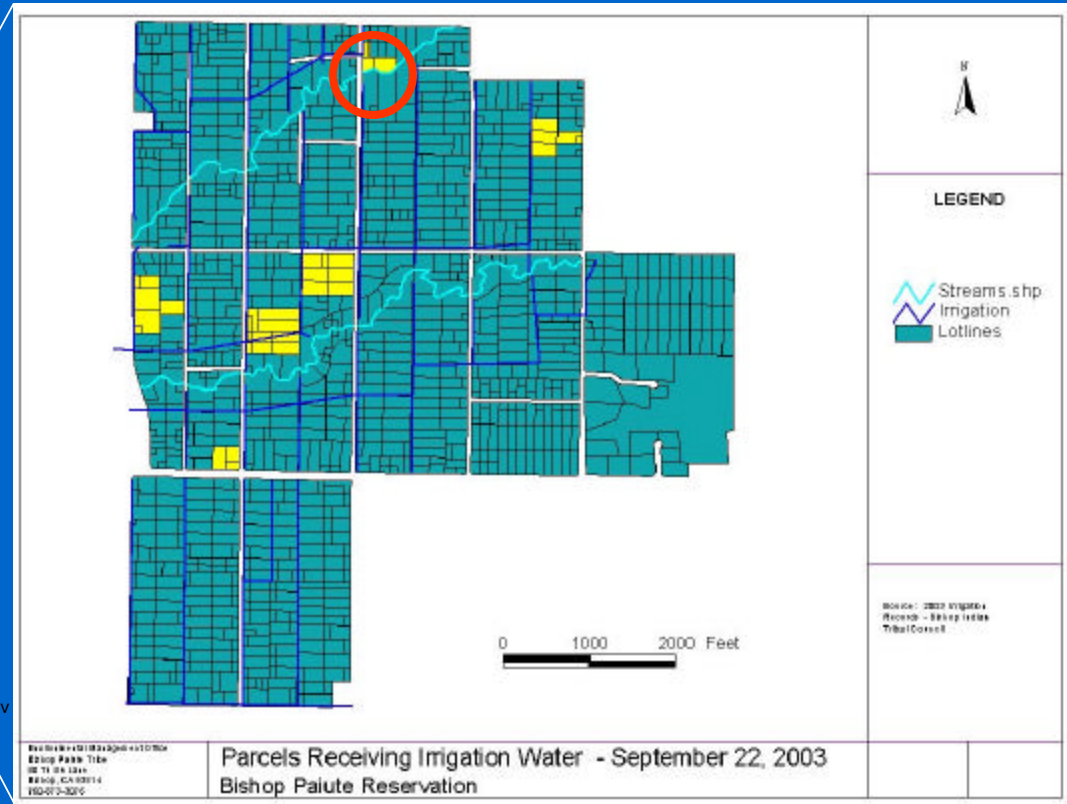
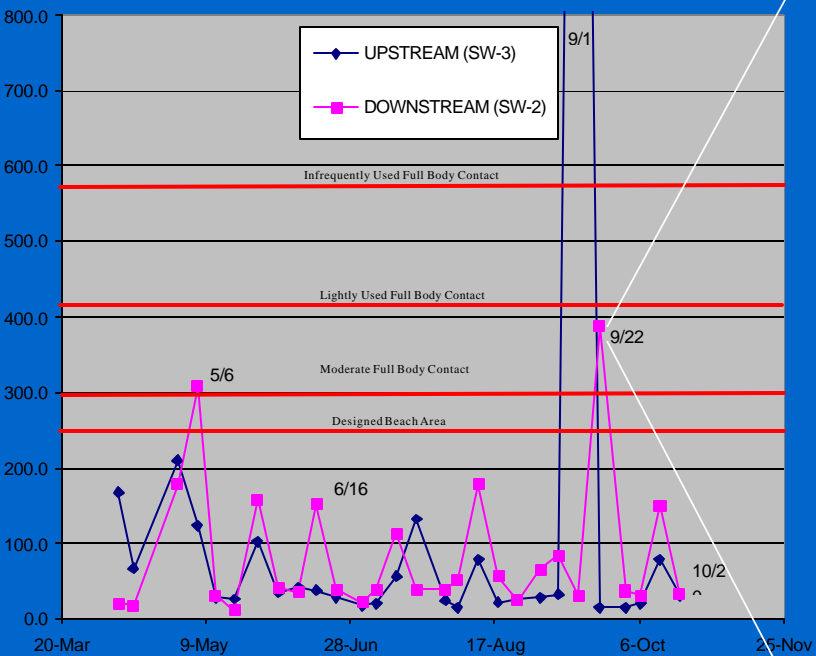


# Pathogens (E.Coli) - September 15, 2003



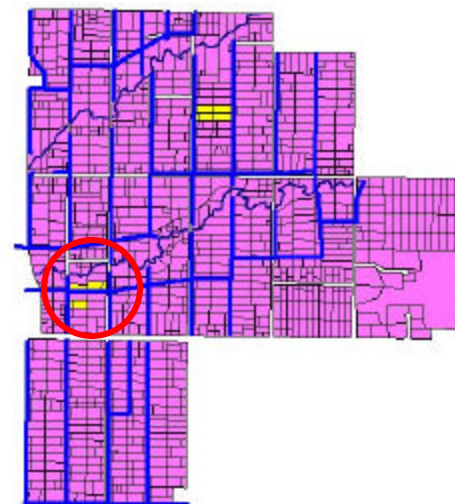
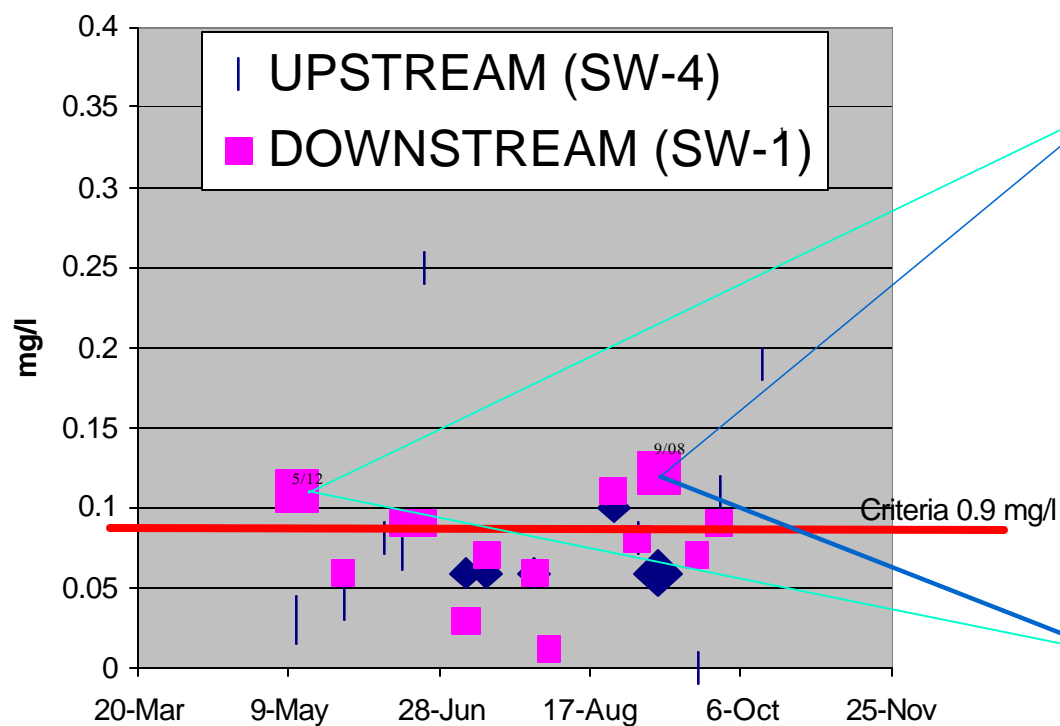


# Pathogens (E.Coli) - September 22, 2003



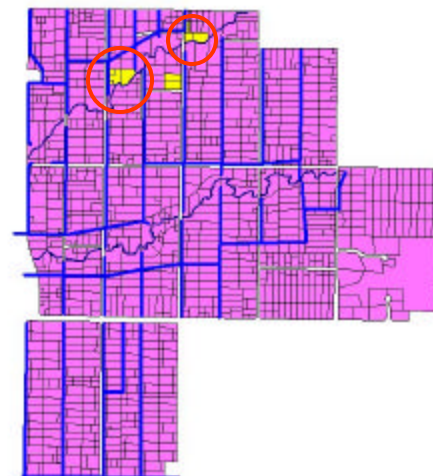
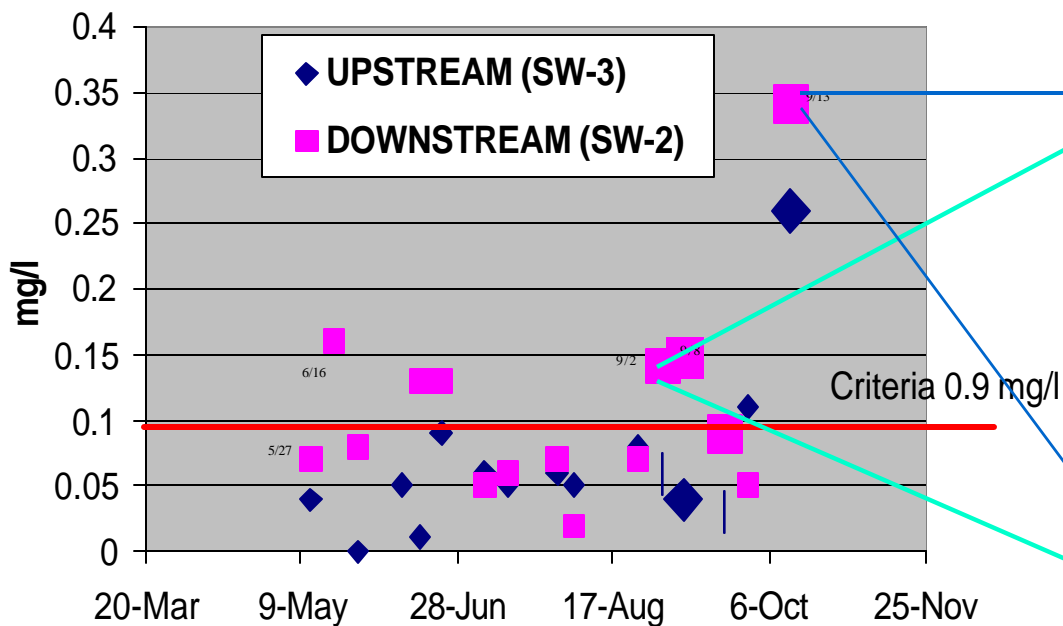
# Nutrients (P04) – S.Fork

## May 12, and Sept 08, 2003

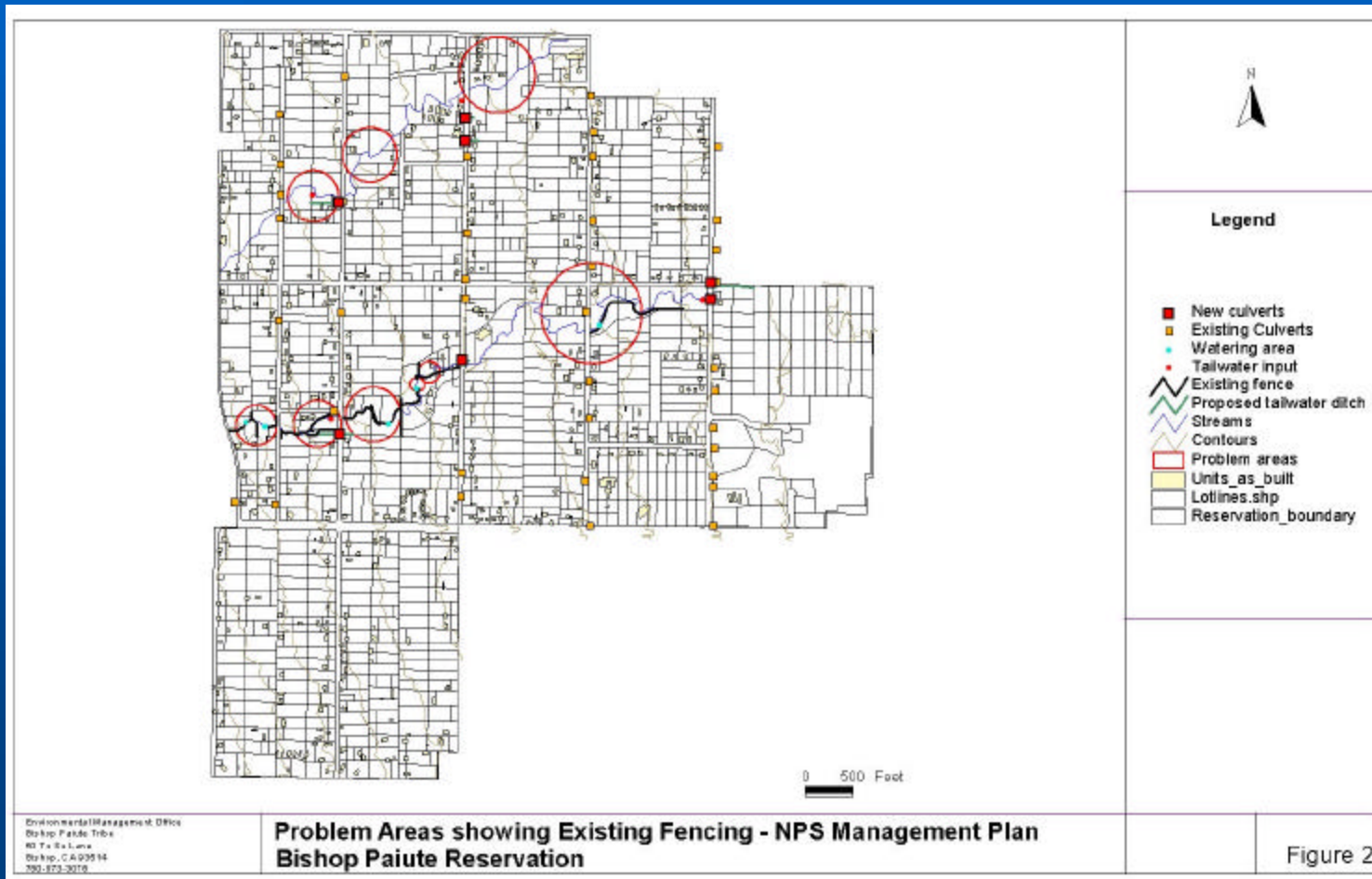


# Nutrients (P04) – N.Fork

## September 2 and October 13, 2003



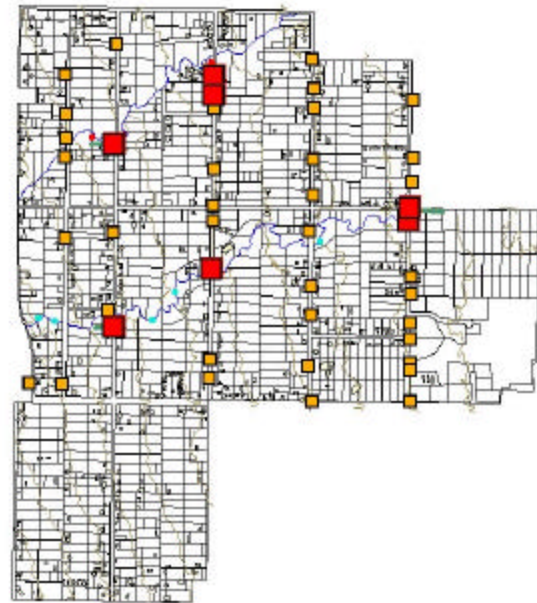
# Problem Areas



## 2. REDUCTION OF NPS

### BMPs

- Tailwater culverts
- Streamside berms
- Riparian corridor restoration





## 2. REDUCTION OF NPS

### BMPs

- Tailwater culverts
- Grading
- Riparian corridor restoration

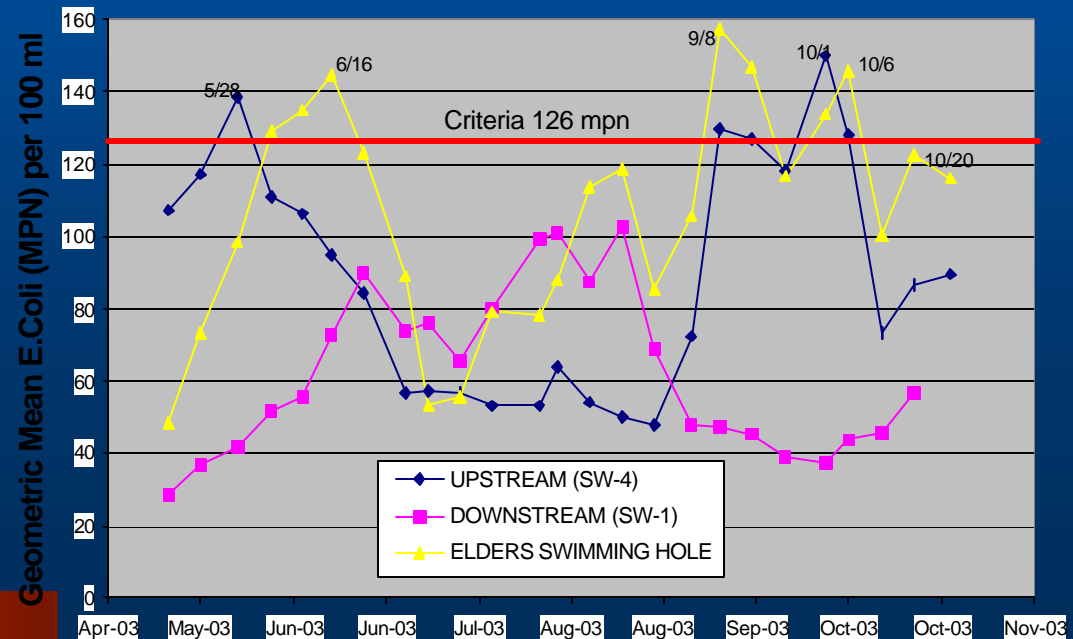


# 3. EVALUATE AND PROTECT

- Continue to monitor NPS criteria pollutants



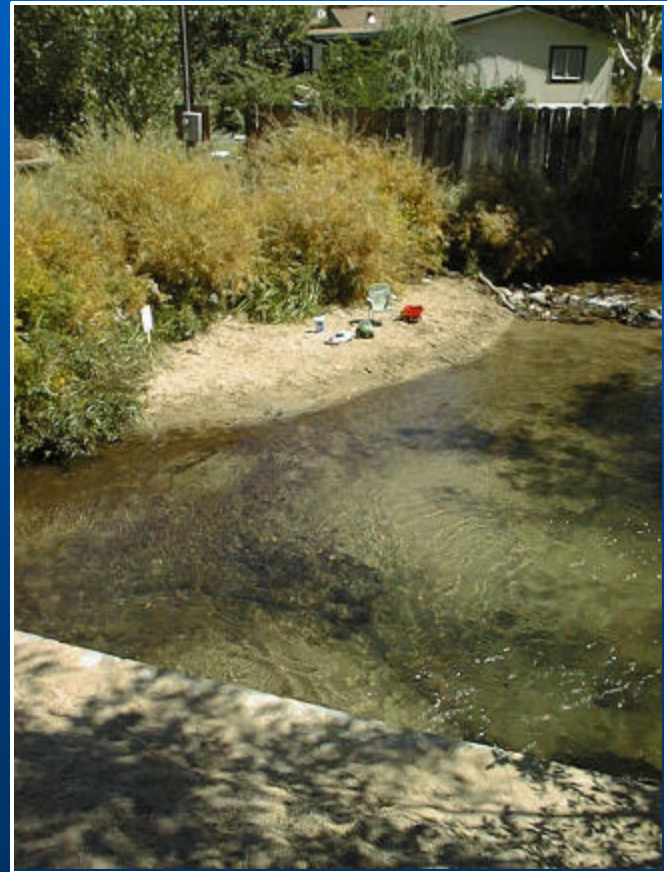
- Continue to evaluate water quality to protect public uses





# Swimming Advisories

- **Postings –based upon Geometric Mean**
- **Evaluate with respect to Federal recommended E.Coli standard (126 m.p.n.)**



# Summary

- Identified source areas of tail-water input
- Identified BMPs
- Established system to evaluate and protect

**FOR MORE INFO...**

**Contact Brian Adkins, Bishop Paiute Tribe 760-873-3665  
badkins@bishoptribeemo.com**



A photograph of a shallow stream flowing through a forest. The water is clear, revealing numerous dark, smooth rocks and pebbles on the stream bed. The water flows from the background towards the foreground, creating small ripples and white foam as it moves over the rocks. The banks are lined with dense vegetation, including tall trees with green leaves and some bare, tangled branches in the foreground. A bright blue speech bubble with a white outline is positioned in the upper center of the image, containing the word 'THANKS!' in white, serif, all-caps font.

THANKS!